Serial No. 10/581,530 Amendment of June 17, 2010 Reply to OA March 18, 2010

IN THE SPECIFICATION:

Page 1, lines 5 to 20, replace the paragraphs wit the following amended paragraphs.

The invention relates to a communication device with a structural part like a hearing aid or a headset. In such devices both a microphone and a receiver are provided and typically within the same casing. The receiver is provided for reproducing and presenting the audio signal picked up by the microphone to the user. Especially in hearing aids, the microphone and the receiver are often placed in each other's vicinity, and this may lead to serious feed back problems. When the structural parts of the device carries the audio signal from the receiver to the microphone, serious limitations on the maximum output sound pressure from the receiver may be the result.

BACKGROUND OF THE INVENTION

In hearing aids and other communication devises devices this problem has been dealt with in a number of ways. Firstly, soft parts have been used as suspension for both receiver and microphone. Further, it has been tried to enclose the receiver in an enclosure separated from the microphone. These efforts have to some degree solved the problem, but there still are limitations to the maximum output tolerated by apparatuses of this kind[7] before feed back problems occur.

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Page 2, lines 7-24, replace the paragraphs with the following amended paragraphs:

The object of the invention is achieved with a communication device according to claim-1which includes at least one casing part shaped from an injection moulded fibre-reinforced polymer having a fibre content of 30-75 wt%, and preferably 40-60 wt%. By using a fibre-rich polymer material it is assured[7] that the feed-back problem areis alleviated because the resonance frequency of the shell is raised to a much higher frequency than in a conventional polymer shell. This means that the vibration insulation of the rubber suspension will be much more effective and that the described shell vibrations leading to acoustical and mechanical feedback will be much reduced. Also, the high fibre content of the material ensures elevated heat resistance, such that it becomes possible to perform solder operations in metal parts which are embedded in the material.

In an embodiment of the invention, the reinforced polymer is a polyarylamide-based compound. This material has the advantage[7] that in injection moulding it may be caused to produce a surface layer with low fibre content, and thereby the surface quality of the moulded part will be close to the quality obtainable with materials with no fibre reinforcement. Even with a very high fibre contents this material may be caused to produce high quality surfaces. Also, thin walled parts are producible with

high fibre contents using this material. Thus, this material is especially well suited for hearing aid and similar communication parts[7] where typically complex shapes must be moulded, and where further the demands toregarding the surface appearance are very high.

Page 5, line 24 to page 6, line 2, replace the paragraph with the following amended paragraph.

The hook 7 shown in fig. 1 has a straight tube part 8 and a connection part 9. The straight tube part is to be inserted in the bottom shell 1 through an orifice and into the tube 63. In this way sound may be guided through tube 63, the straight tube part 8 and to the connection part 9. At the connection part 9 a flexible tube is to be connected to the hook in order to guide the sound to the ear of the user. Both the receiver casing and the sound path to the ear of the user are then seeled sealed acoustically off from the remainder of the hearing aid and no sound will leak to the microphones and cause feed-back even at high output levels of the receiver. The hermetic receiver enclosure also provides the possibility to use a vented receiver. Such a receiver uses the inside of the receiver inclosure enclosure described as part of the back volume with respect to the receiver membrane and this provides the possibility of a better receiver performance. A vent opening 6 is shown in the receiver wall.